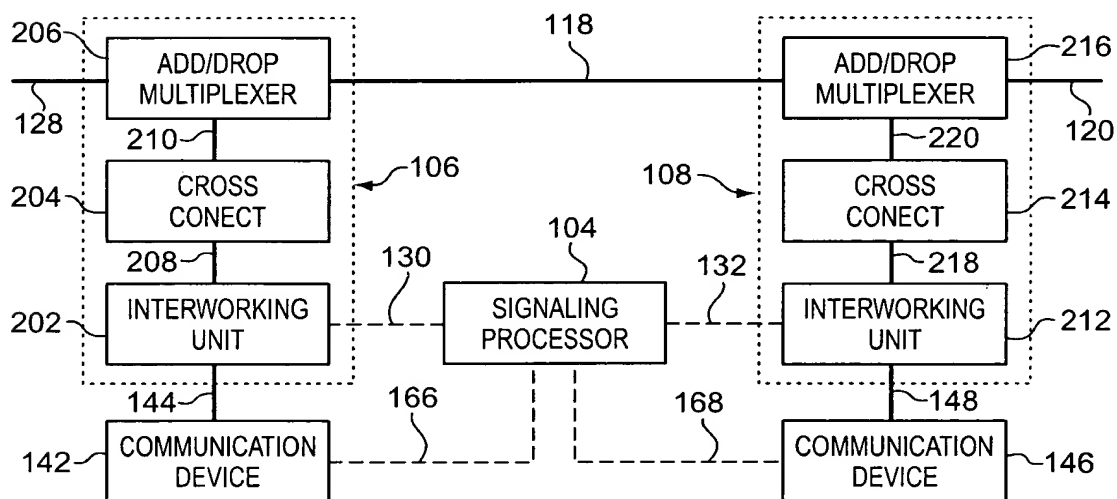


The diagram illustrates a network architecture 102. At the center is a **SIGNALING PROCESSOR** (104). It is connected via dashed lines to four **BROADBAND INTERFACE** blocks: 114 (top-left), 112 (top-right), 116 (bottom-left), and 118 (bottom-right). Each broadband interface is connected to a central communication device (142) via a solid line (126, 122, 128, 120 respectively). The central communication device (142) is connected to a **COMMUNICATION DEVICE** (144) via a solid line (144). The signaling processor (104) is also connected via dashed lines to four external communication devices: 162 (top-left), 150 (top-right), 164 (bottom-left), and 152 (bottom-right). These external devices are connected to the central communication device (142) via solid lines (176, 170, 174, 172 respectively). The signaling processor (104) is also connected via dashed lines to four external communication devices: 158 (top-left), 154 (top-right), 146 (bottom-left), and 148 (bottom-right). These external devices are connected to the central communication device (142) via solid lines (160, 156, 166, 148 respectively). The signaling processor (104) is also connected via dashed lines to four external communication devices: 162 (top-left), 150 (top-right), 164 (bottom-left), and 152 (bottom-right). These external devices are connected to the central communication device (142) via solid lines (176, 170, 174, 172 respectively). The signaling processor (104) is also connected via dashed lines to four external communication devices: 158 (top-left), 154 (top-right), 146 (bottom-left), and 148 (bottom-right). These external devices are connected to the central communication device (142) via solid lines (160, 156, 166, 148 respectively).



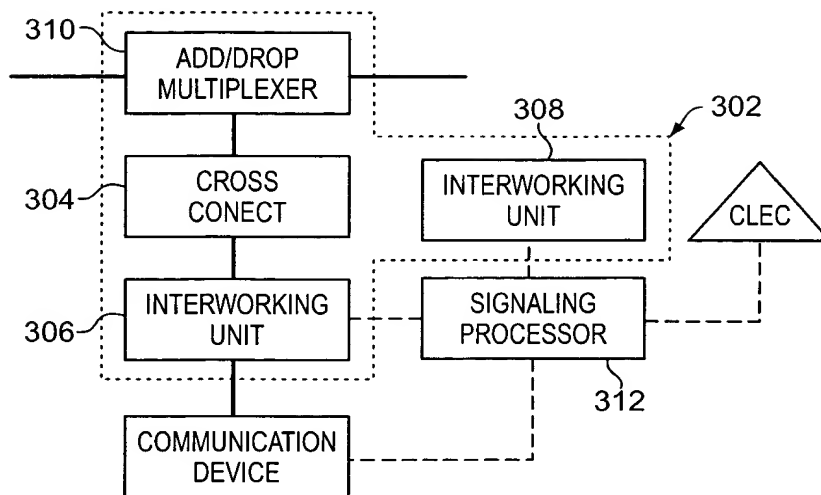


FIG. 3

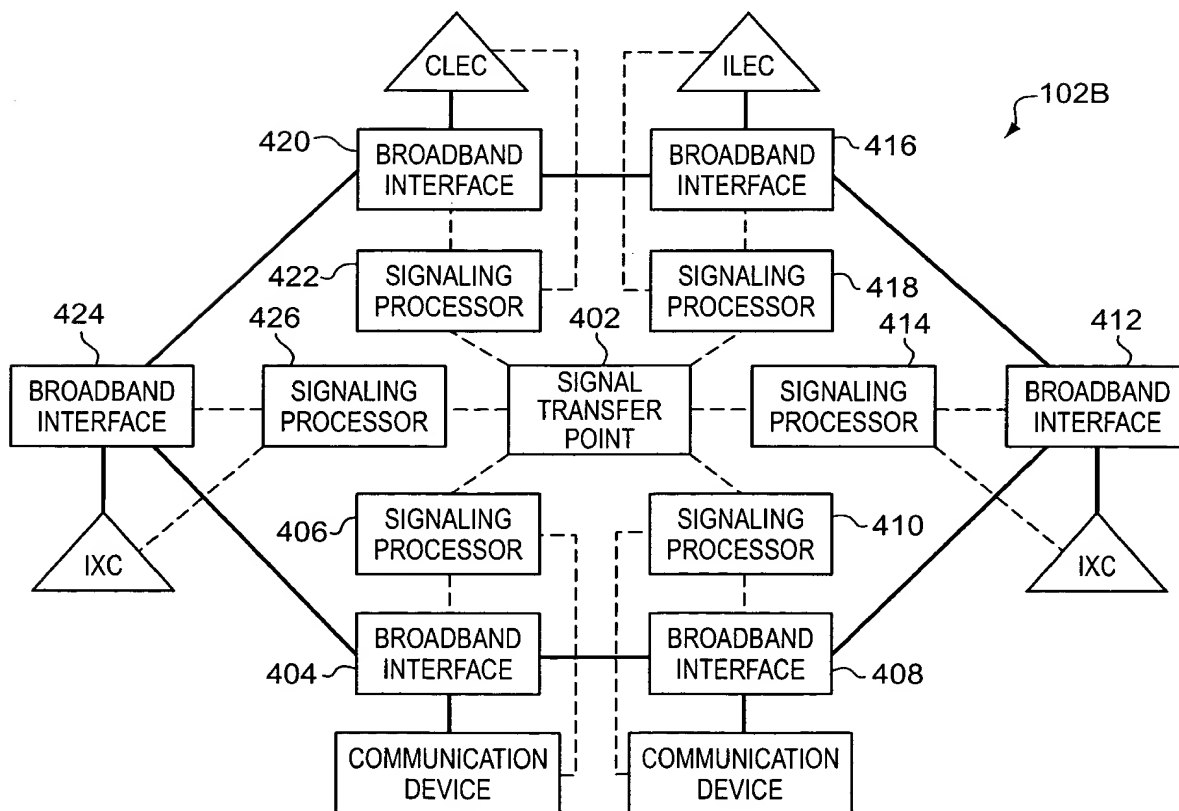


FIG. 4

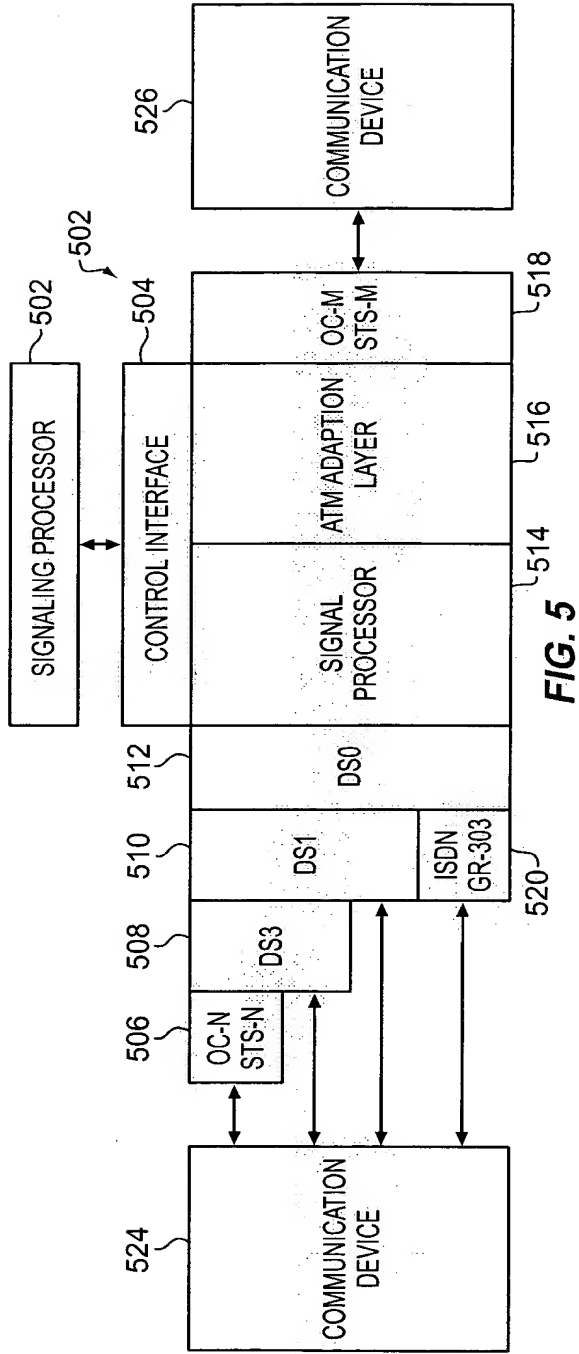


FIG. 5

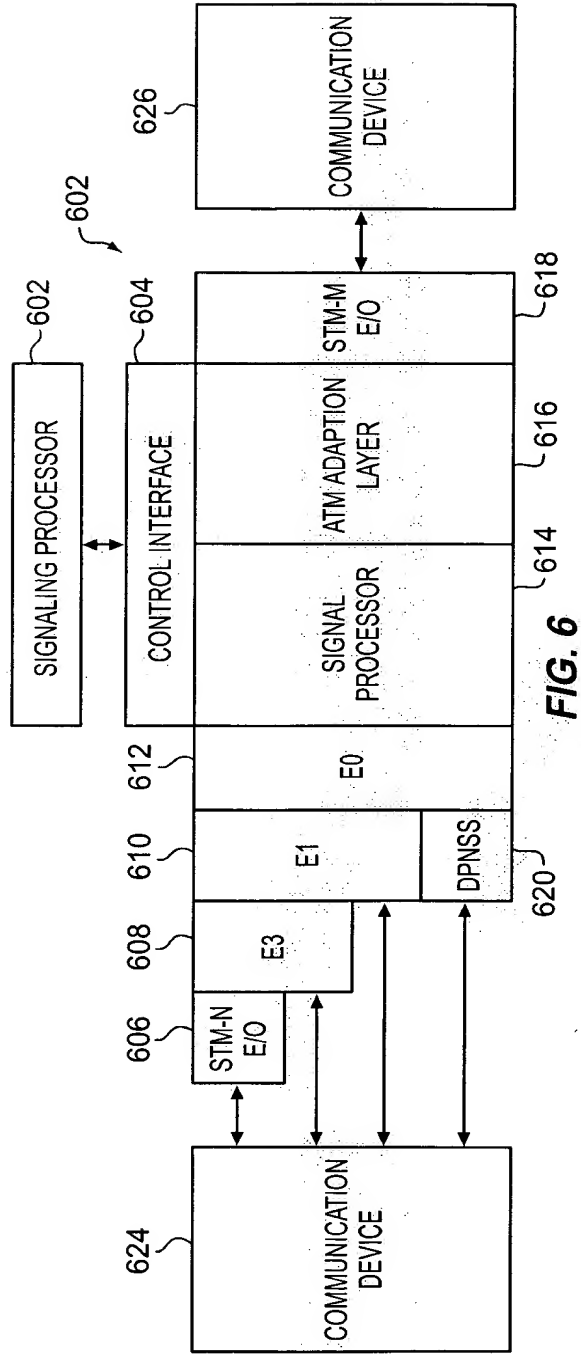


FIG. 6

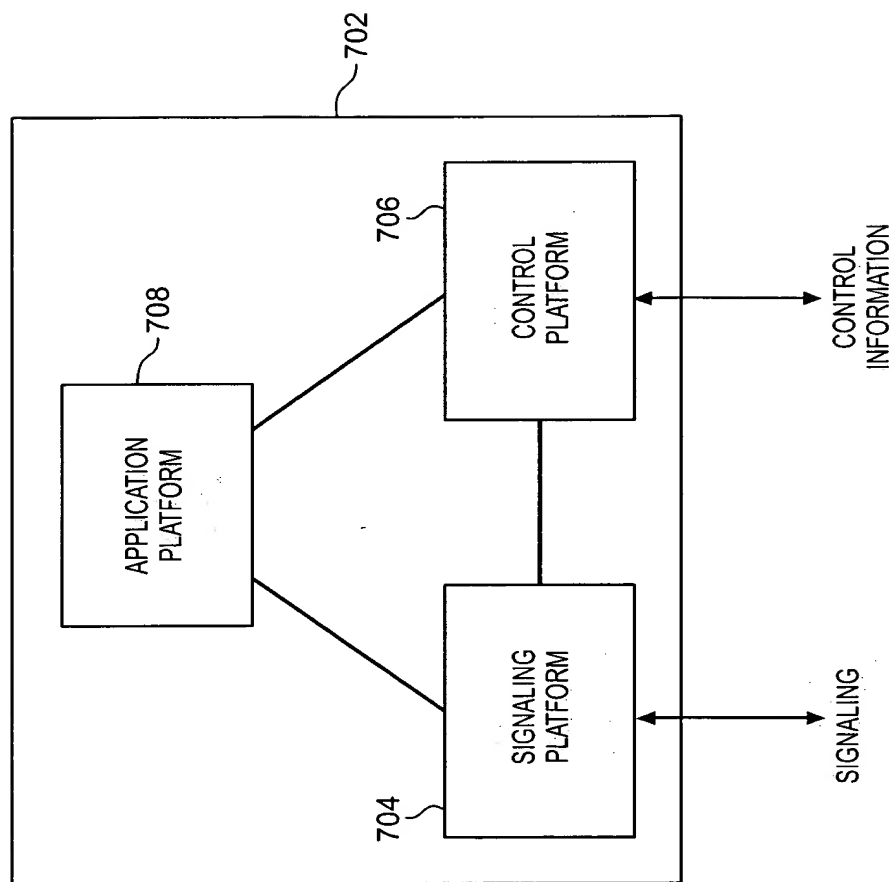


FIG. 7

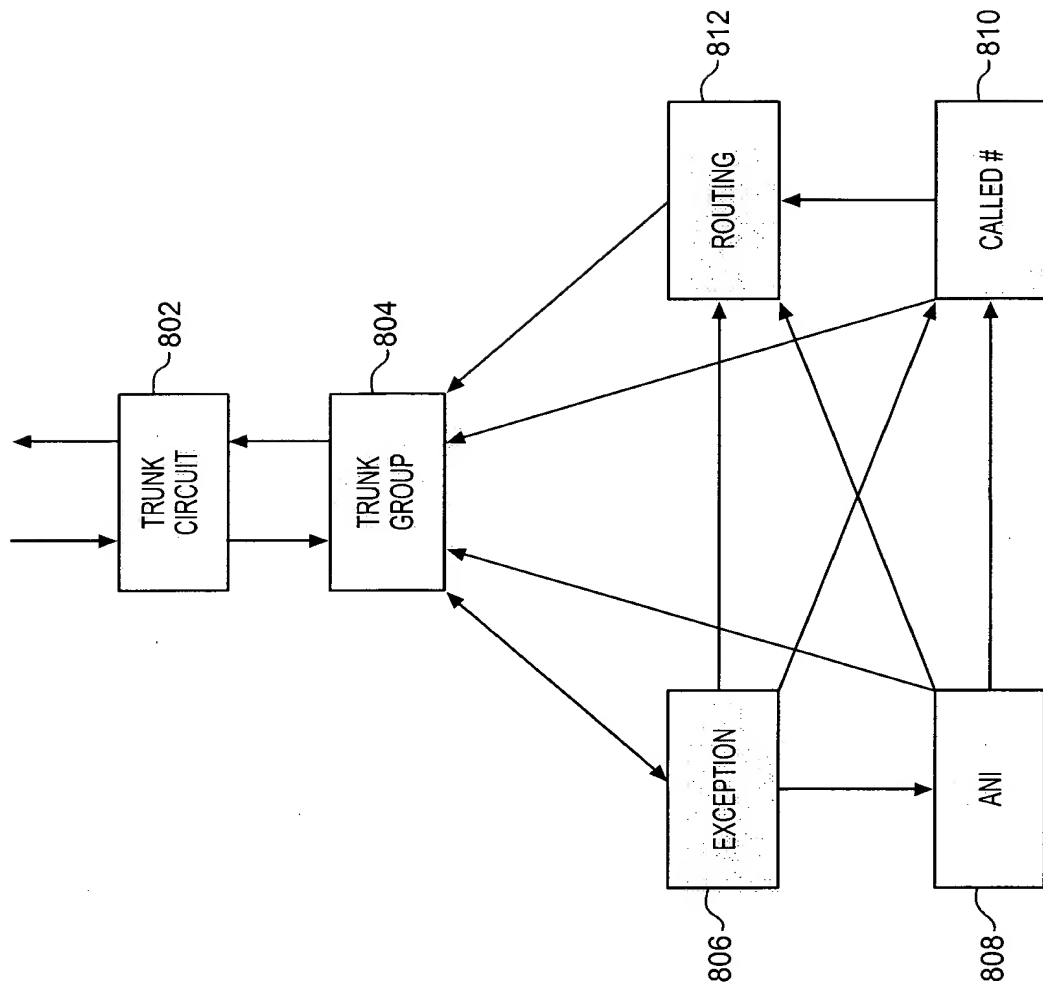


FIG. 8

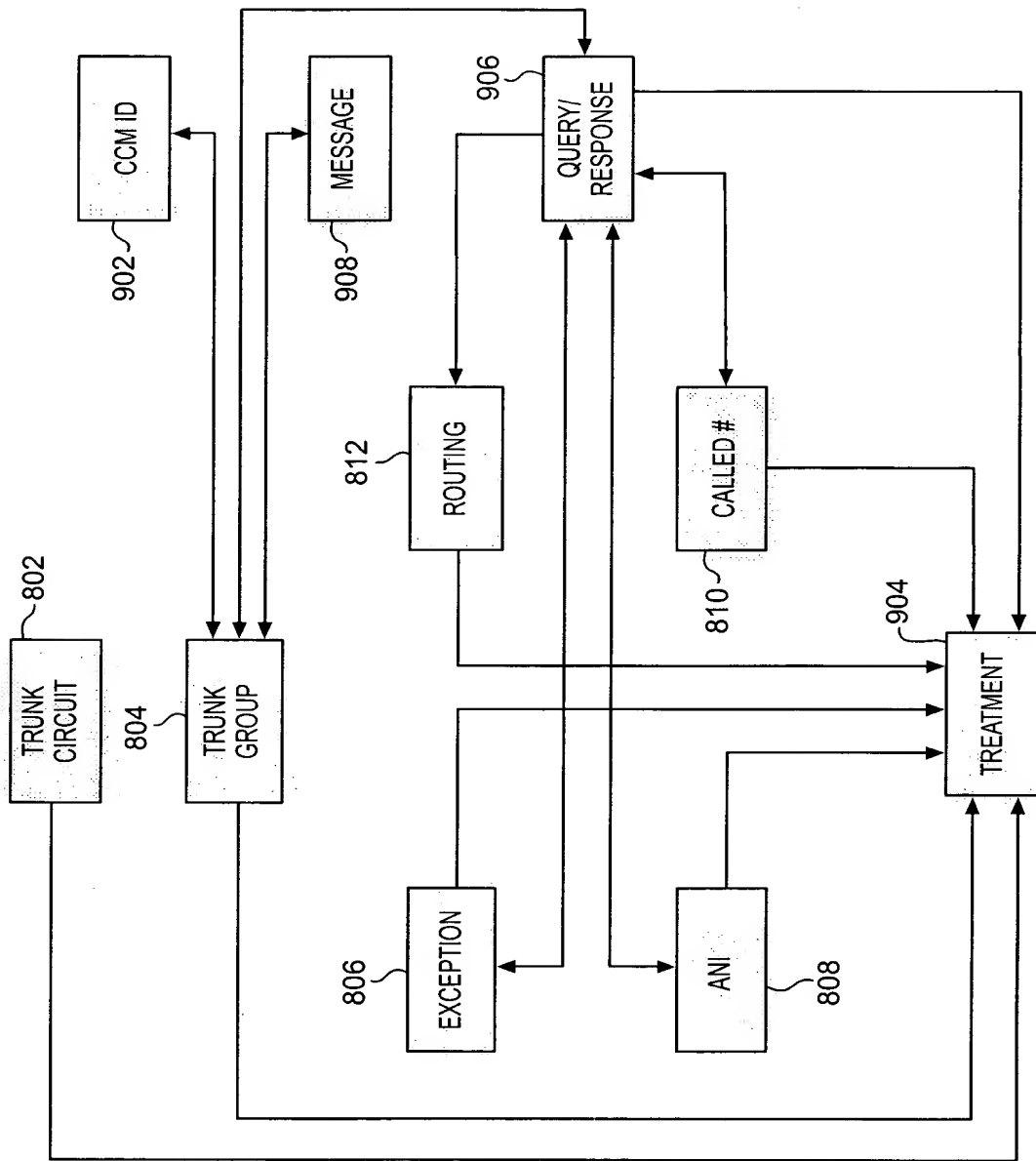


FIG. 9

ANI TABLE INDEX	CALLING PARTY CATEGORY	NATURE OF ADDRESS	CALLING PARTY/CHARGE NUMBER			ORIGINATING LINE INFORMATION	NEXT FUNCTION	NEXT INDEX
			DIGITS FROM	DIGITS TO	DATA			

FIG. 13

CALLED NUMBER TABLE INDEX	NATURE OF ADDRESS	DIGITS FROM	DIGITS TO	NEXT FUNCTION	NEXT INDEX

FIG. 14

ROUTING TABLE INDEX	TRANSIT NETWORK SELECTION				CIRCUIT CODE	NEXT FUNCTION #1	INDEX #1	NEXT FUNCTION #2	INDEX #2	NEXT FUNCTION #3	INDEX #3
	NETWORK IDENTIFICATION PLAN	DIGITS FROM	DIGITS TO	DIGITS TO							

FIG. 15

INDEX	MESSAGE RECEIVED CAUSE VALUE	GENERAL LOCATION	CODING STANDARD	CAUSE VALUE	NEXT FUNCTION	INDEX

FIG. 16

MESSAGE TYPE	PARAMETERS	INDEX #1	INDEX #...	INDEX #N
ADDRESS COMPLETE	BACKWARD CALL INDICATOR			
	ACCESS TRANSPORT			
	CAUSE INDICATOR			
	OPTIONAL BACKWARD CALL INDICATORS			
ANSWER	OPTIONAL "FE" INDICATOR			
	ACCESS TRANSPORT			
CALL PROGRESS	BACKWARD CALL INDICATOR			
	EVENT INFORMATION			
	BACKWARD CALL INDICATOR			
	ACCESS TRANSPORT			
	CAUSE INDICATOR			
	OPTIONAL BACKWARD CALL INDICATOR			
	NATURE OF CONNECTION INDICATOR			
	N/A			
CIRCUIT RESERVATION	N/A			
CIRCUIT RESERVATION ACK	N/A			
CONFUSION	CONTINUITY INDICATOR			
CONTINUITY	OUTGOING TRUNK GROUP NUMBER			
EXIT	ALL PARAMETERS			
INFORMATION	ALL PARAMETERS			
INFORMATION REQUEST	NATURE OF CONNECTION INDICATOR			
INITIAL ADDRESS	FORWARD CALL INDICATOR			
	CALLING PARTY'S CATEGORY			
	USER SERVICE INFORMATION			
	CALLED PARTY NUMBER			
	ACCESS TRANSPORT			
	CALLING PARTY NUMBER			
	CARRIER IDENTIFICATION			
	CARRIER SELECTION INFORMATION			
	CHARGE NUMBER			
	GENERIC ADDRESS			
	ORIGINATING LINE INFORMATION			
	ORIGINAL CALLED NUMBER			
	REDIRECTING NUMBER			
	SERVICE CODE			
	TRANSIT NETWORK SELECTION			
	HOP COUNTER			
	PASS ALONG	ALL PARAMETERS		
RELEASE	CAUSE INDICATOR			
	ACCESS TRANSPORT			
	AUTOMATIC CONGESTION CONTROL			
RELEASE COMPLETE	N/A			
RESUME	SUSPEND/RESUME INDICATOR			
SUSPEND	SUSPEND/RESUME INDICATOR			

FIG. 17